Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 24 Aug 2023 until 23:59 on Friday 25 Aug 2023

Forecast Issued on Thursday 24 Aug 2023 at 05:05

Confidence: High confidence for the main story, with cooler and more showery conditions becoming established. Lower confidence in the distribution and timing of any heavy showers.

Headline for Thursday 24 Aug 2023: A band of low cloud, patchy rain and drizzle will track across the Dales this morning. Clearing to leave an afternoon of sunny spells.

Mountain weather hazards on Thursday 24 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Fog	Sunny intervals	Sunny	Sunny	Clear night
Precipitation probability					
40%	30%	20%	10%	<05%	<05%

Forecast for Thursday 24 Aug 2023

Weather: A frontal band will track southeast across the Dales this morning, with banks of hill fog and outbreaks of patchy rain and drizzle. Cloud band fragmenting by late-morning leaving a largely dry afternoon of long sunny spells. Fine end to the day with lengthy sunshine and clear skies into the night.

Chance of cloud-free hill tops above 600m: 20%. Improving from the northwest to 80% or more around midday.

Low Cloud and visibility: Extensive low cloud in association with the frontal band this morning with bases around 400m, perhaps lower in the far west and in any drizzly bursts. As the rain band fragments late-morning, cloud bases are expected to gradually lift clear of most summits. Poor or very poor visibility in outbreaks of rain and drizzle this morning, becoming generally very good by the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 24 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 SW	10/12 W	11/15 W	13/19 W	11/18 W	10/18 W	9/15 SW
300	4/10 W	6/12 NW	9/15 W	11/18 W	9/17 W	6/17 W	4/14 W
Valley	3/7 SW	4/8 W	7/12 W	9/16 W	7/16 W	1/7 N	3/9 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/11	12/10	12/10	13/10	11/9	9/7	9/7
300	14/14	14/14	15/14	16/14	13/12	10/9	9/8
Valley	15/15	16/16	17/16	18/16	15/14	11/11	11/11
Freezing Level*	2800m	2700m	2300m	2000m	1800m	1800m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud and hill fog making for challenging navigation Thursday morning. Once cleared, then a fine day for hill walking. UV levels moderate to high in the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 24 Aug 2023	2.8mm	8.2mm	8.4mm

Forecast for Friday 25 Aug 2023

Weather: Early morning mist and valley fog patches forming, with cloud banks forming on lower slopes in the west during the early hours. Fair weather cloud soon bubbling up, with showers breaking out widely by late-morning. Showers becoming heavier and more frequent Friday afternoon, with the thunderstorm possible. Showers may merge into more organised bands and longer spells of rain. Some clearer spells later, but showers expected to continue into the night.

Maximum wind: West 15-20 mph gusting 25-30 mph.

Chance of cloud-free hill tops above 600m: 40% in the west at first, otherwise 80% or more throughout.

Low Cloud and visibility: Early morning patches of mist or fog in the valleys will soon clear. Low cloud affecting western slopes during the early morning with bases around 500m. Cloud lifting above summits by midday, but likely lowering to around 600m in the vicinity of any heavier showers, shrouding higher peaks at times. Generally very good visibility but poor in any heavy showers and very poor in early morning mist or fog patches.

Temperature: **Valleys:** Plus 12 Celsius rising to plus 17 Celsius.
At 600m: Plus 8 Celsius rising to plus 11 Celsius.
Freezing level: Above summits.

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